

PERMIT CHRONOLOGY

for

Larson Limestone Company (LLC)

Larson Limestone Quarry

S/049/011

(June 8, 1994)

July 22, 1987	Division of State Lands sends notification to LLC of their violation with Utah State Mineral Lease agreement. LLC must cease operations immediately and file complete Plan of Operations within next 30 days. A copy of the notification is sent to DOGM.
October 28, 1987	File memo regarding site inspection. Gate at entrance to LLC property was locked so inspector could not enter. Includes some photos of the site. Division called Pauline Pugh who states she owns property LLC is using.
October 29, 1987	DOGM sends LLC letter informing them they must file a mine and reclamation plan as required by the Utah Mined Land Reclamation Act.
January 21, 1988	File memo regarding site inspection. LLC indicated mine was shut down in 1974 and had been idle until three years ago when LLC started operations. It was determined by the inspector and Mr. Larson that LLC qualifies for a rock aggregate exemption under the proposed rules, and therefore, LLC will not be required to submit a NOI at this time. The current operation consists of crushing and hauling the overburden which had been stripped by the previous operator.
January 21, 1988	DOGM notifies LLC they are exempt from Division regulations at this time. Also, LLC is informed they must file a mine and reclamation plan if they should decide to mine the limestone formation by drilling and blasting.
May 11, 1988	File memo regarding site inspection. Inspector advises LLC to file a Small Mine Notice since LLC plans to drill and blast. LLC is advised to request a variance for highwalls and roads. LLC has a state lease to the north of the crusher. They have no plans to mine here, but have allowed a contractor to store his equipment on this lease site. State lands staff determined the equipment is not on Pauline Pugh's property.
May 12, 1988	DOGM receives a Small Mine Notice and cover letter. Variances requested on items 9, 10, and 11 listed on page 3 of the notice.
May 16, 1988	DOGM grants variances for leaving highwalls and for not reclaiming roads which have a post mining use. A topsoiling variance is granted for only those areas where safety of the equipment operator precludes salvaging the soils. LLC is also informed they must post a reclamation bond and file a more detailed plan if mine site expands beyond five acres.

February 6, 1989	DOGM requests annual report for 1988. [No report for 1988 received].
January 5, 1990	DOGM requests annual report for 1989. [no report for 1989 received].
July 25, 1990	File memo regarding site inspection. Inspectors feel site exceeds five acres and has grown since the May 1988 inspection. Time constraints prevent an adequate evaluation of the site. Another site inspection needs to be scheduled.
December 31, 1990	DOGM requests annual report for 1990.
January 9, 1991	DOGM receives 1990 annual report.
January 14, 1992	DOGM requests annual report for 1991.
January 27, 1992	DOGM receives 1991 annual report.
March 3, 1992	DOGM receives letter from Deputy Utah County Attorney with copy of Utah County Ordinance dealing with open pit and surface mining operations.
April 21, 1992	File memo regarding April 15, 1992 site inspection. Purpose of inspection was to evaluate current status of the small mining operation. Mine was active with limestone being crushed and screened and the quarry area being drilled in preparation for blasting. LLC informed DOGM staff that Utah County had contacted them and would be requiring a bond. A meeting between LLC, Utah County and DOGM was suggested. DOGM staff visually estimate a site disturbance of approximately seven acres.
April 21, 1992	File memo documenting April 20, 1992 meeting with DOGM, Utah County Commission, and LLC. Meeting purpose was to clarify the jurisdiction of Utah County Ordinances and the DOGM regulations with respect to LLC's operation. The meeting concluded with the understanding that within the next 30 days: <ol style="list-style-type: none">1) LLC would provide DOGM with a map of the mine site in order to determine the amount of mining disturbance;2) DOGM will perform a site inspection to determine if the operator has disturbed or is continuing to use more than five acres. DOGM findings will be reported to Utah County.3) After receiving DOGM's findings, the County will decide if they will require a separate reclamation surety.

4) The County will review DOGM rules in comparison with their ordinances.

May 14, 1992

File memo regarding site inspection. Purpose of inspection was to determine extent of the mining related disturbance at the site. Utah County representatives were onsite. DOGM Minerals Rules were described with respect to surface features which would be considered part of the mine disturbance. The County's Ordinances focus mainly on the quarry and office areas. Pre-existing roads and the inclusion of the boneyard were discussed. DOGM is to provide LLC with copies of the Rules, the original NOI and 1988 approval letter. LLC is to provide DOGM with copies of the 1951 map and 1" = 200' scale map presented at the inspection. DOGM will examine the maps and coordinate a meeting with LLC to discuss the disturbed acreage.

May 26, 1992

DOGM receives letter from LLC. Included with letter is a 1" = 200' scale map of the site. LLC states area of activity is approximately 3.5 acres. LLC states a variance was granted for roads with a post mine use. As property owners, LLC has a use for those roads and wants them to remain in place.

June 16, 1992

DOGM sends LLC a letter describing the areas not included in LLC disturbed acreage estimate. DOGM requests that LLC obtain an aerial photo of the mine site so the disturbed area acreage disagreement can be resolved.

June 23, 1992

DOGM receives letter from LLC stating areas which have been granted variances and areas with a post-mine use should not be used in disturbed area calculation. LLC refuses to purchase aerial map.

August 17, 1992

DOGM purchases certified 1988 aerial photo of LLC site.

January 4, 1993

DOGM requests annual report for 1992.
[No report for 1992 received].

December 20, 1993

DOGM requests annual report for 1993.

December 28, 1993

DOGM receives annual report for 1993 (unsigned).

December 29, 1993

DOGM sends letter to LLC listing two main permitting issues to be resolved. (1) What is the current disturbed area for the mine operation? (2) Which roads have a verified post mine use? Definitions of "Land

affected" and "disturbed area" are quoted from the Minerals Rules. DOGM proposes an April 4, 1994 site inspection to measure the land affected. The Annual report for 1992 is requested again.

January 12, 1994	DOGM receives annual report for 1993. Phone call to LLC reveals this report is for 1992.
March 7, 1994	DOGM sends letter to LLC confirming site inspection scheduled for March 17, 1994. A draft inspection itinerary is enclosed. DOGM will require acknowledgement from Utah County for roads they accept as having a post mine land use according to their zoning requirements. LLC's new building will be discussed during the inspection.
March 18, 1994	File memo describing March 17, 1994 site inspection. A discussion between LLC, DOGM, and Utah County was held at the beginning of the inspection. Farrell Larson described LLC's general plans for mining and the proposed new building. No drilling or blasting is scheduled at the site today. Buck Rose described the issues concerning the County. Those issues include LLC obtaining a business license, a building permit and posting a bond. The County bonds are typically \$1,600/acre. Wayne Hedberg described the Division's permitting requirements for a small mine enlarging to a large mine status. An interim reclamation surety is also discussed. DOGM staff photographed and measured the site disturbances.
March 21, 1994	DOGM receives letter from Utah County. They have a 1975 air photo of the mine area. The photo does show most of the road cuts visible during the inspection. Copies of the County's current zoning ordinances are enclosed.
March 28, 1994	DOGM sends certified Notice of Non-compliance letter to LLC. DOGM measurements indicate the mine site exceeds five acres. To mitigate the Non-compliance situation, LLC must (1) submit a Notice of Intention to Commence Large Mining Operations by 5:00 p.m. May 16, 1994; (2) submit an interim reclamation surety by 5:00 p.m. April 29, 1994 in the amount of \$50,000, based upon 20 acres of disturbance at \$2,500 per acre. Failure to comply with the mitigative measures may result in the issuance of a Notice of Agency Action. A sketch of the areas measured and a disturbed area summary sheet are enclosed with the letter.
March 29, 1994	DOGM staff send a packet of information regarding a reclamation surety for LLC's operations to Fred A. Moreton & Company in response to a telephone conversation.

Page 5
Chronology
Larson Limestone Company
S/049/011
June 8, 1994

March 30, 1994	Phone conversation between DOGM and Utah County. The County is meeting with LLC tomorrow. A copy of the letter of Noncompliance was faxed to Utah County. The County recently talked with Pauline Pugh regarding previous activities on her property south of the LLC operations.
March 30, 1994	Phone conversation between DOOM and Division of State Lands and Forestry. LLC has a building stone lease for limestone in the NW/4 NE/4 Section 31, T6S, R1E, SLBM (ML 46040).
March 30, 1994	DOGM receives copy of lease agreement and plat from State Lands.
April 7, 1994	DOGM faxed a copy of an Interim Reclamation Contract for LLC's operations to Fred A. Moreton & Company.
May 4, 1994	Phone conversation between DOGM and Utah County. LLC is requesting a building permit for their new agricultural building.
May 27, 1994	Request for Agency Action filed by DOGM.
May 31, 1994	Summons Issued.

jb
S049011